

We claim:

1. A process for the work-up of a mixture comprising ionic liquids and a further substance, wherein the substance present is separated off by means of adsorptive separation processes.  
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2. A process as claimed in claim 1, wherein the separation is carried out by means of ion exchange.
- 10 3. A process as claimed in claim 1, wherein the separation is carried out by means of chromatography.
4. A process as claimed in claim 3, wherein the separation is carried out by means of a continuous chromatographic process.  
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5. A process as claimed in any of claims 1 to 4, wherein polar, high-boiling compounds are separated off.
- 20 6. A process as claimed in any of claims 1-5, wherein water, methanol, ethanol, 1-propanol or isopropanol or a mixture thereof is used as solvent.
7. A process as claimed in any of claims 1-6, wherein reversed phase silica gels, resins, ion exchangers, zeolites, aluminum oxides or activated carbon are used as stationary phases.  
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